Application No.: 10/500,274 MTS-3506US

Application No.: 10/500,274
Amendment Dated: July 7, 2008
Reply to Office Action of: May 6, 2008

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

 (Currently Amended) A fuel cell electricity-generating device according to claim 3,

wherein the electric power-generation instructing means is configured for computer processor is programmed with the software instructions decreasing to decrease the electric power at the rate depending on the change of the temperature of the fuel processor.

- 2. (Currently Amended) The fuel cell electricity-generating device as described in claim 1, wherein the electric power generation instructing means is configured computer processor is programmed with the software instructions to decrease for decreasing—the generated electric power at a first rate within a predetermined first limit while the temperature of the fuel processor is rising and at a second rate having no predetermined limit while the temperature of the fuel processor is not rising.
- (Currently Amended) A fuel cell electricity-generating device comprising:
 - a fuel cell configured for generating electric power from a fuel and an oxidizer,
- a fuel processor configured for producing the fuel to be supplied into the fuel cell from an electricity-generating material,
- a combustion device configured for combusting a residual fuel gas unconsumed in the fuel cell to raise a temperature of the fuel processor, and

an electric power generation instructing means of determining the electric power generated by the fuel cell, the electric power generation instructing means eenfiquing—comprising a computer processor programmed with software instructions

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for-decreasing-to decrease the electric power generated by the fuel cell depending on a decrease of load power to be supplied by the fuel cell, the electric-power generation instructing means configured for decreasing computer processor being programmed with the software instructions to decrease the electric power generated by the fuel cell at a rate depending on one of a) a change of the temperature of the fuel processor and b) the temperature of the fuel processor.

- 4. (Currently Amended) The fuel cell electricity-generating device according to claim 3 wherein the electric power generation instructing means is further configured—to—execute computer processor is programmed with the software instructions to (1) execute a first power limitation mode of preventing the decrease of generated electric power when the temperature of the fuel processor is not lower than a first threshold value and (2) decrease the generated electric power at a rate having no predetermined limit the rate at which the generated electric power is decreased is not limited—when the temperature of the fuel processor is not higher than a second threshold value, the second threshold value being which is—lower than the first threshold value.
- 5. (Currently Amended) The fuel cell electricity-generating device according to claim 4 wherein the <u>computer processor is programmed with the software instructions electric power generation instructing means is further configured to release the first power limitation mode when the electric power generation instructing means maintains or begins to raise the electric power generated by the fuel cell.</u>
- 6. (Currently Amended) The fuel cell electricity-generating device according to claim 3 wherein the <u>computer processor is programmed with the software instructions</u> electric power generation instructing means is further configured to (1) execute a second power limitation mode of decreasing the generated electric power at a rate with a predetermined upper limit when the temperature of the fuel processor is not lower than a third threshold value, and (2) <u>decrease</u> the rate at which the generated electric power <u>at a rate that is decreased</u> is not limited when the temperature of the fuel processor is not higher than a fourth threshold value which is lower than the third threshold value.

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- 7. (Currently Amended) The fuel cell electricity-generating device according to claim 6 wherein the computer processor is programmed with the software instructions electric power generation instructing means is further configured to release the second power limitation mode when the electric power generation instructing means maintains or begins to raise the electric power generated by the fuel cell.
- 8. (Currently Amended) The fuel cell electricity-generating device according to claim 3 wherein the computer processor is programmed with the software instructions electric power generation instructing means is further configured to execute (i) a first power limitation mode of preventing the decrease of generated electric power when the temperature of the fuel processor is not lower than the first threshold value and (ii) a second power limitation mode of decreasing the generated electric power at a rate with a predetermined upper limit when the temperature of the fuel processor is not higher than the second threshold value, which is lower than the first threshold value, wherein the rate at which the generated electric power is decreased is not limited when the temperature of the fuel processor is not higher than a fourth threshold value which is lower than the second threshold value.
- (Currently Amended) The fuel cell electricity-generating device according to claim 8 wherein the computer processor is programmed with the software instructions electric power generation instructing means is further configured to release both of the first and second power limitation modes when the electric power generation instructing means maintains or begins to raise the electric power generated by the fuel cell.
- (Withdrawn) A fuel cell electricity-generating method of generating 10. electricity using a fuel cell comprising the steps of:
 - generating electric power in said fuel cell from a fuel and an oxidizer.

producing in a fuel processor a fuel to be supplied into said fuel cell from an electricity-generating material.

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combusting a residual fuel gas unconsumed in said fuel cell to raise the temperature of said fuel processor, and

determining in an electric power generation instructing means the electric power generated by said fuel cell,

wherein there is provided a step of making the rate at which the generated electric power is decreased different depending on the change of the temperature of the fuel processor when said electric power generation instructing means decreases the electric power generated by said fuel cell depending on the decrease of load power to be supplied.

 (Withdrawn) A fuel cell electricity-generating method of generating electricity using a fuel cell comprising the steps of:

generating electric power in said fuel cell from a fuel and an oxidizer,

producing in a fuel processor a fuel to be supplied into said fuel cell from an electricity-generating material,

combusting a residual fuel gas unconsumed in said fuel cell to raise the temperature of said fuel processor, and

determining in an electric power generation instructing means $\,$ the electric power generated by said fuel cell,

wherein there is provided a step of making the rate at which the generated electric power is decreased different depending on the temperature of the fuel processor when said electric power generation instructing means decreases the electric power generated by said fuel cell depending on the decrease of load power to be supplied.

12. (Previously Presented) A fuel cell electricity-generating device according to claim 3, wherein the rate depends on the temperature of the fuel processor.

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13. (New) The fuel cell electricity-generating device according to claim 4 wherein the computer processor is programmed with the software instructions to decrease the generated electric power at a first rate within a predetermined first limit while the temperature of the fuel processor is higher than the second threshold value and not higher than the first threshold value.